



DC 170s

AGM DEEP CYCLE

12V | 170Ah | 100h

Electrical Specifications

Nominal voltage	12V
Capacity (25°C)	170Ah at C ₁₀₀
Internal resistance (25°C)	3.2mΩ
Temperature effect on capacity	104% at 40°C 100% at 25°C 83% at 0°C 65% at -15°C
Residual capacity after storage (25°C)	3 months: 91% 6 months: 82% 12 months: 65%
Constant charging voltage Cycle (25°C)	14.5 to 14.9V (initial charging current < 45A)
Float charge voltage (25°C)	13.6 to 13.8V

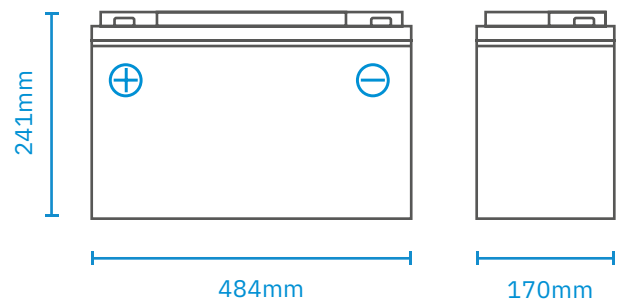
Discharge Specifications

Capacity C ₁₀₀	170Ah
Capacity C ₂₀	150Ah
Capacity C ₁₀	143Ah
Capacity C ₅	129Ah
Capacity C ₃	115Ah
Discharge current testing (25°C)	1h rate (82.5A) : 84Ah 3h rate (37.5A) : 114Ah

Mechanical Specifications

Measurements (L × W × H)	484 × 170 × 241mm
Approx. weight	47.8kg
Terminal type	T3

Measurements



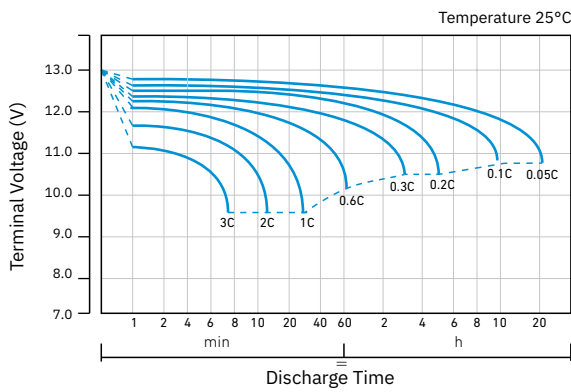
Constant Current Discharge Characteristics (A) 25°C

F.V. / Time	10 min	15 min	30 min	60 min	2 h	3 h	5 h	8 h	10 h	20 h
9.60V	270.3	160.2	97.6	54.9	39.6	31.4	27.6	18.2	15.2	7.9
10.2V	259.3	154.2	93.7	54.1	39.0	31.0	27.2	18.1	15.1	7.9
10.5V	254.3	150.2	91.8	53.6	38.6	30.8	26.9	18.0	15.0	7.8
10.8V	246.2	146.1	89.0	53.0	38.2	29.8	26.7	18.0	15.0	7.8

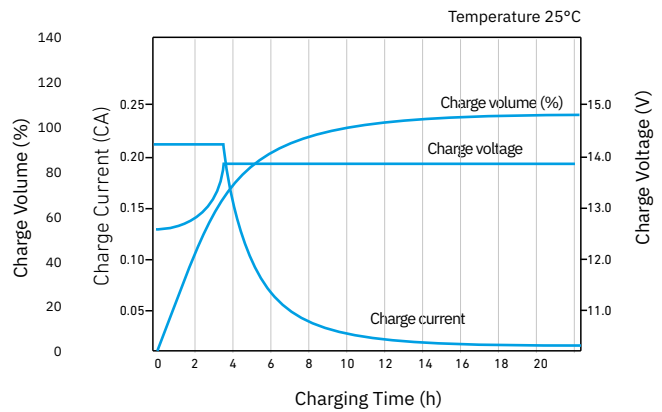
Constant Power Discharge Characteristics 25°C

F.V. / Time	10 min	15 min	30 min	60 min	2 h	3 h	5 h	8 h	10 h	20 h
9.60V	2968.0	1796.8	1113.1	635.6	466.5	369.4	326.3	217.2	183.2	95.4
10.2V	2846.8	1729.7	1068.1	625.6	459.5	364.4	322.3	215.2	181.2	94.9
10.5V	2790.8	1684.7	1046.0	619.6	454.5	362.4	318.3	214.2	180.2	94.2
10.8V	2703.7	1639.6	1014.0	613.6	450.5	351.4	346.3	213.2	179.2	93.7

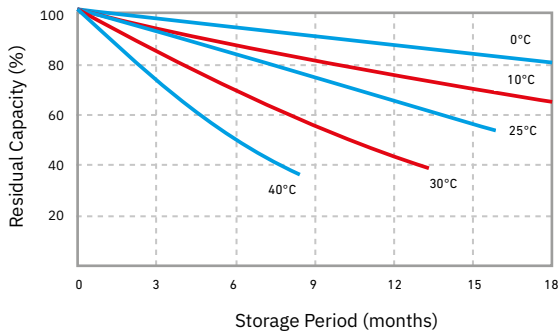
Discharge Characteristics Curve



Charge Characteristics Curve For Cycle Use (IU)



Residual Capacity



Float Life

